

REMARKS

Claims 1 through 3 are pending in this application. Claim 1 amended herein. New claims 2 and 3 are added herein. Support for the amendment to claim 1 and new claims 2 and 3 may be found in the claims as originally filed. Reconsideration is requested based on the foregoing amendment and the following remarks.

Oath/Declaration:

A substitute Declaration accompanies this response.

Objections to the Drawings:

The drawings have been objected to for lacking a designation such as 'Prior Art' in Fig. 1. The legend 'Conventional Art' has been added to Figs. 1 and 2 of the accompanying Request for Approval of Drawing Changes. The term 'Conventional Art' is used in the specification as originally filed at page 2, line 13 and at page 4, lines 4 and 6 to describe Figs. 1 or 2. Withdrawal of the objections to the drawings is earnestly solicited.

Objections to the Specification:

The Specification has been objected to for various informalities. Appropriate corrections have been made in substantial accordance with the Examiner's suggestions. The Applicant thanks the Examiner for his suggestions. Withdrawal of the objection is earnestly solicited.

Claim Rejections - 35 U.S.C. § 112:

Claim 1 was rejected under 35 U.S.C. § 112, second paragraph, as indefinite. Claim 1 has been amended to make it more definite in substantial accordance with the Examiner's suggestions. The Applicant thanks the Examiner for his suggestions. Withdrawal of the rejection is earnestly solicited.

Rejections under 35 U.S.C. § 103:

Claim 1 was rejected under 35 U.S.C. § 103 as being unpatentable over Hama et al., US 5,692,784 in view of Knohl, US 2,712,262. The rejection is traversed. Reconsideration is earnestly solicited.

Amended claim 1 recites, in pertinent part:

“a metallic hook (300) inserted and held between the main body (100) and the cap (200).”

Neither Hama nor Knohl teach, disclose, or suggest a hook inserted and held *between* a main body and a cap, contrary to the assertion in the Office Action. In Hama, rather, ring claw 112 may be seen in Figs. 6 and 8 to be entirely *within* the confines of guide cylinder section 106, rather than between stopper 108 and guide cylinder section 106.

Ring stopper 108 may also be seen to be outside of guide cylinder section 106 in Fig. 6. Ring claw 112 is thus on the *opposite* side of guide cylinder section 106 from ring stopper 108, rather than between stopper 108 and guide cylinder section 106.

Furthermore, ring claw 112 is described as being *in* the guide cylinder section 106 at column 1, line 35. The statement at column 1, line 34 to the effect that ring claw 112 is located on the right side of the stopper 108 refers to the end of stopper 108 into which guide cylinder section 106 containing ring claw 112 is inserted.

Finally, Knohl shows no second workpiece at all, and thus cannot show a hook inserted and held between a main body and a cap. Since neither Hama nor Knohl teach, disclose, or suggest a hook inserted and held between a main body and a cap, their combination cannot, either. Amended claim 1 is thus submitted to be allowable. Withdrawal of the rejection of amended claim 1 is earnestly solicited.

Amended claim 1 recites further:

"wherein the cap (200) is adhered to the main body (100) by high frequency waves."

Neither Hama nor Knohl teach, disclose, or suggest a cap *adhered* to a main body by high frequency waves, as recited in amended claim 1. In Hama, rather, the stopper 108 is fixed in the left end section of the guide cylinder section 106 by caulking, as described at column 1, lines 24 through 26, rather than adhered by high frequency waves as recited in amended claim 1. Caulking doesn't adhere pieces together, it merely fills gaps in seams.

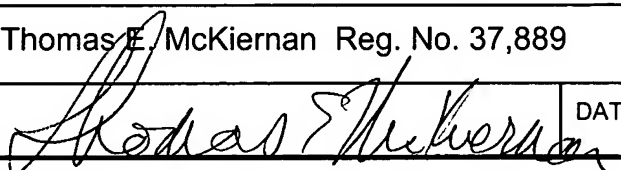
Finally, Knohl shows no second workpiece at all, and thus has nothing to adhere. Since neither Hama nor Knohl teach, disclose, or suggest a cap adhered to a main

body by high frequency waves, their combination cannot, either. Amended claim 1 is thus submitted to be allowable. Withdrawal of the rejection of amended claim 1 is earnestly solicited.

New claims 2 and 3 depend from amended claim 1 and add further distinguishing elements. Neither Hama nor Knoch teach, disclose, or suggest a hook inserted and held between a main body or a cap adhered to a main body by high frequency waves, as discussed above with respect to amended claim 1. New claims 2 and 3 are thus also submitted to be allowable.

Conclusion:

Accordingly, in view of the reasons given above, it is submitted that amended claim 1 and new claims 2 and 3 are allowable over the cited references. Since the objections to the specification have been addressed and the claims have been amended to overcome the rejections based on 35 U.S.C. § 112, second paragraph, it is submitted that all of claims 1 through 3 are now allowable. Allowance of claims 1 through 3 and of this entire application are therefore respectfully requested.

RESPECTFULLY SUBMITTED,					
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ABSTRACT OF THE DISCLOSURE

A cartridge for fixing a collector includes a main body 100, a cap 200 fixed to the main body 100, and a metallic hook 300 is inserted and held between the main body 100 and the cap 200 when the cap 200 is adhered to the main body 100 by high frequency waves, in which the metallic hook 300 includes a hook body 310, inclined elastic flaps 320 arranged around the hook body 310 side by side, and horizontal elastic flaps 330 three to four of which are formed between the inclined elastic flaps 320 around the hook body 310, so that the inclined elastic flaps may expand to hold an external device as the external device expands, while the parallel elastic flaps may securely fix the external device to prevent the cartridge from deviating from the external device while high temperature, high pressure or vibration is exerted to the external device.

Version with markings to show changes made.

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5 body 100 and the cap 200 when the cap 200 is adhered to the main body 100 by high frequency waves, in which the metallic hook 300 ~~consists of~~ includes a hook body 310, inclined elastic flaps 320 ~~sloped~~ arranged around the hook body 310 side by side, and horizontal elastic flaps 330 three to four of which are formed between the inclined elastic flaps 320 around the hook body 310, so that the inclined elastic flaps may
10 expand to hold an external device as the external device expands, while the parallel elastic flaps may securely fix the external device to prevent the cartridge from deviating from the external device while high temperature, high pressure or vibration is exerted to the external device.